

INTERNATIONAL SEARCH REPORT

PCT/IB 03/04069

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06K7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06K H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 902 152 A (ROBERT BERNARD) 11 May 1999 (1999-05-11) the whole document	1,2,7-9
A	US 4 993 956 A (PICKLES CHARLES S ET AL) 19 February 1991 (1991-02-19) abstract; claims; figures	1-9
A	US 6 165 021 A (BOURNE FREDERIC) 26 December 2000 (2000-12-26) cited in the application claims; figures	1-9
A	US 5 309 324 A (SIMPSON SCOTT S ET AL) 3 May 1994 (1994-05-03) abstract; claims; figures	1-9

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

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- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

29 January 2004

Date of mailing of the international search report

05/02/2004

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5902152	A	11-05-1999	FR 2743170 A1 DE 69626945 D1 DE 69626945 T2 EP 0782088 A1 JP 9199243 A	04-07-1997 30-04-2003 11-12-2003 02-07-1997 31-07-1997
US 4993956	A	19-02-1991	NONE	
US 6165021	A	26-12-2000	FR 2730328 A1 AT 172563 T AU 701547 B2 AU 4667296 A CA 2211344 A1 CN 1173232 A DE 69600834 D1 DE 69600834 T2 EP 0807295 A1 ES 2125096 T3 WO 9624111 A1 JP 11500549 T RU 2181908 C2	09-08-1996 15-11-1998 28-01-1999 21-08-1996 08-08-1996 11-02-1998 26-11-1998 15-04-1999 19-11-1997 16-02-1999 08-08-1996 12-01-1999 27-04-2002
US 5309324	A	03-05-1994	US RE35733 E	17-02-1998